

# Work Order ID 107150

\*107150\*

Page 1

September-23-13 11:09:55 AM

Item ID: D4387-041 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Harness Assy  
 Start Date: 9/23/13 Start Qty: 12.00 \*12\* Cust Item ID:  
 Required Date: 9/23/13 Req'd Qty: 12.00 \*12\* Customer:  
 Reference:

Approvals: Process Plan: MCS Date: 1309-24 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
D4387	D								
100	PURCHASING	0.00							
<b>*100*</b>									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>81495</u>								
	P/N: 4192-I-021-2396								
	Possible supplier: Amsafe								
	Certificate of conformaty is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
<b>*110*</b>									
Packaging	Memo	0.00							
Packaging	Ensure certificate of conformity is attached								
120	QC5- Inspect part completeness to step on W/O	0.00							
<b>*120*</b>									
QC	Memo	0.00							
Quality Control									

CL 13/09/26 (12)

13/10/22 (12)

DAS  
27  
9-89  
13.10.24

12

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Skid-tube <input type="checkbox"/></td> <td style="width: 25%;">Crosstube <input type="checkbox"/></td> <td style="width: 25%;">Water Jet <input type="checkbox"/></td> <td style="width: 25%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

### FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

# Work Order ID 107150

\*107150\*

Page 2

September-23-13 11:09:55 AM

Item ID: D4387-041 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Harness Assy  
 Start Date: 9/23/13 Start Qty: 12.00 \*12\* Cust Item ID:  
 Required Date: 9/23/13 Req'd Qty: 12.00 \*12\* Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Identify as per dwg & Stock Location: <u>ST263</u>	0.00							
*150*						12x	DAS 28	13-10-28	
Packaging	Memo	0.00					9-89		
Packaging									
160	QC21- Final Inspection - Work Order Release	0.00							
*160*									
QC	Memo	0.00							
Quality Control									

*[Signature]* 13-10-28  
 ME  
 13-10-28

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width:100%; border: none;"> <tr> <td style="width:25%;">Skid-tube <input type="checkbox"/></td> <td style="width:25%;">Crosstube <input type="checkbox"/></td> <td style="width:25%;">Water Jet <input type="checkbox"/></td> <td style="width:25%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

# Picklist Print

September-23-13 11:09:55 AM

Page 1  
1

Work Order ID: 107150

Parent Item: D4387-041

Parent Item Name: Harness Assy

Start Date: 9/23/13

Required Date: 9/23/13

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP rev A 11.05.25 new issue EC verified by: DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
4192-1-021-2396 Harness Assembly		Purchased	No				Each	0.0000		12		9/23/13	(22)

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

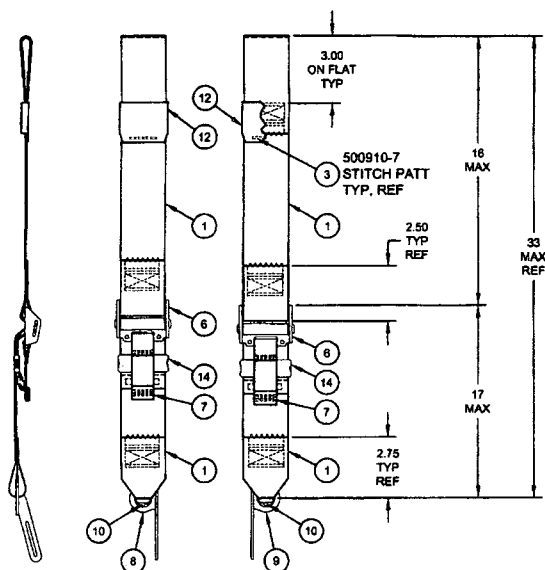
Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

**FAULT CATEGORY**

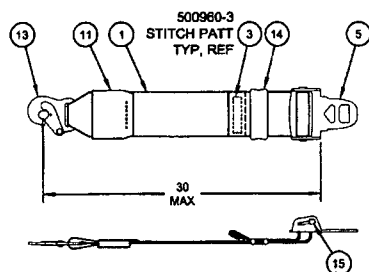
Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Misabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

# SPECIFICATION CONTROL DRAWING

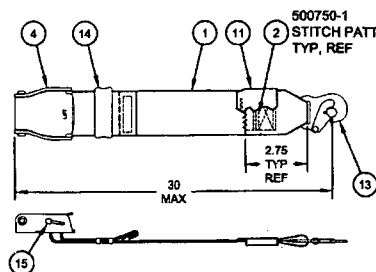


D4387-7

D4387-5



D4387-3



D4387-1



D4387-041 HARNESS ASSEMBLY

ITEM	QTY	QTY	QTY	QTY	QTY	DART P/N	DESCRIPTION	AMSAFE P/N OR MATERIAL P/N
	X	-1	-3	-5	-7	D4387-041	HARNESS ASSEMBLY	4192-1-021-2396
1	X					D4387-1	BUCKLE HALF	4192-2010212396
1		X				D4387-3	CONNECTOR HALF	4192-2030212396
1			X			D4387-5	SHOULDER STRAP	4192-2050212396
1				X		D4387-7	SHOULDER STRAP	4192-2080212396
1		A/R	A/R	A/R	A/R		WEBBING, POLYESTER	T1200-5
2		A/R	A/R	A/R	A/R		THREAD	207
3		A/R	A/R	A/R	A/R		THREAD	69
4		1					BUCKLE ASSY	502750-401
5			1				CONNECTOR ASSY	504459-417-72
6				1	1		ADJUSTER ASSY	503050-409
7				1	1		PULL TAB	500976-425
8					1		ADAPTER, HARNESS	505122-2-72
9					1		ADAPTER, HARNESS	505122-1-72
10				1	1		INSERT	AFG0568293
11		1	1				LABEL	447664
12				1	1		LABEL	447664
13		1	1				HOOK ASSY	502737-441-72
14		1	1	1	1		WEB SLIDE	503964-1
15		2	2				PLUG	502913

## NOTES:

- 1) PURCHASE: D4387-041/-1/-3/-5/-7 FROM AMSAFE INC., Phoenix, AZ.
- 2) FINISH: N/A
- 3) TOLERANCES: .XX ±0.25
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: USE PLASTIC ENGRAVED TAGS AND LABEL PER FAR 21.607 TO CONTAIN THE FOLLOWING AT MINIMUM:  
MANUFACTURER P/N: 4192-1-021-2396  
CUSTOMER P/N: D4387-041  
RATED: 3000 LBS DATE OF MFG  
CONFORMS TO FAA TSO-C114
- 7) WEIGHT: 1.75 lb
- 8) INDICATED DIMS ARE FULLY EXTENDED LENGTHS

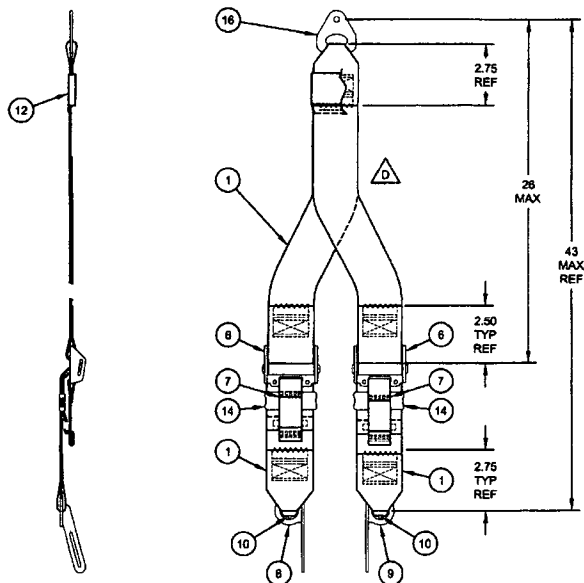
RELEASED  
2013-04-02

D	DELETED STITCHING - PICTORIAL CHANGE ONLY (ZN D6-2) AS PER NCR13-2237	SFM	13.01.23
C	16 MAX WAS 10 MAX. 17 MAX WAS 23 MAX. 30 MAX. WAS 24 MAX (4 PL). 28 MAX WAS 20 MAX. UPDATE AMSAFE PART NUMBERS.	RP	12.05.01
B	3.000 TYP WAS 2.000 TYP (ZN D6-1) (REF. NCR11-644)	MB	11.08.07
A	NEW ISSUE (REF. CAR10-011)	MB	11.05.02
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SFM		
CHECKED		DRAWING NO.	REV. I
MFG. APPR.		DSC-D4387	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		HARNESS ASSEMBLY	NTS
DATE	13.01.23	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMPILE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

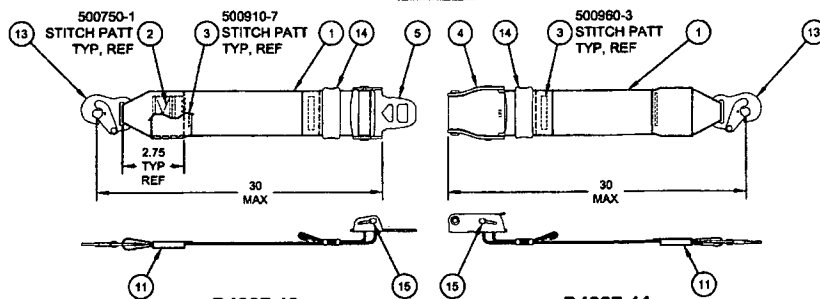
107150  
MLJ

13-09-24

# SPECIFICATION CONTROL DRAWING



**D4387-9**



**D4387-13**

**D4387-11**

**D4387-043 HARNESS ASSEMBLY**

ITEM	QTY -043	QTY -9	QTY -11	QTY -13	DART P/N	DESCRIPTION	AMSAFE P/N OR MATERIAL P/N
	X				D4387-043	HARNESS ASSEMBLY	4173-2-031-2396
1		X			D4387-9	SHOULDER STRAP	4173-2110312396
1			X		D4387-11	BUCKLE HALF	4173-2070312396
1				X	D4387-13	CONNECTOR HALF	4173-2090312396
1		A/R	A/R	A/R		WEBBING, POLYESTER	T1200-5
2		A/R	A/R	A/R		THREAD	207
3		A/R	A/R	A/R		THREAD	69
4			1			BUCKLE ASSY	502750-401
5				1		CONNECTOR ASSY	504499-417-72
6		2				ADJUSTER ASSY	503050-409
7		2				PULL TAB	500976-425
8		1				ADAPTER, HARNESS	505122-2-72
9		1				ADAPTER, HARNESS	505122-1-72
10		2				INSERT	AFG0568293
11			1	1		LABEL	447664
12		1				LABEL	447664
13		2	1	1		HOOK ASSY	502737-441-72
14			1	1		WEB SLIDE	503964-1
15			2	2		PLUG	502913
16		1				END FITTING	501743-21-72

## NOTES:

- 1) PURCHASE: D4387-043/-9/-11/-13 FROM AMSAFE INC., Phoenix, AZ.
- 2) FINISH: N/A
- 3) TOLERANCES: .XX ±0.25
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: USE PLASTIC ENGRAVED TAGS AND LABEL PER FAR 21.607 TO CONTAIN THE FOLLOWING AT MINIMUM:  
MANUFACTURER P/N: 4173-2-031-2396  
CUSTOMER P/N: D4387-043  
RATED: 3000 LBS DATE OF MANUFACTURER  
CONFORMS TO FAA TSO-C114
- 7) WEIGHT: 1.85 lb
- 8) INDICATED DIMS ARE FULLY EXTENDED LENGTHS

RELEASED  
2013-04-02

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	SRM	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		DSC-D4387	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		HARNESS ASSEMBLY	NTS
DATE	13.01.23	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR DISSEMINATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO21495**

Purchase Order Date 9/26/2013

PO Print Date 9/26/2013

Page Number 1 of 1

**Order From :**

VU-AMS001

AMSAFE INC.  
1043 NORTH 47TH AVENUE  
PHOENIX, AZ 85043  
US

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**  
C/L 307/2013

**Contact Name**

**Vendor Phone** 602 850 2850

**Ship To Contact**

**Ship To Phone**

**Ship Via:** FedEx PI collect

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	<b>Line Comments</b>		<b>Promise Date</b>				
	<b>Delivery Comments</b>						
1	4192-1-021-2396	Harness Assembly	10/18/2013		12.00	\$255.88	\$3,070.56
			Yes		Each		
			10/18/2013				
	AS PER DWG D4387 REV. D B107150 AMSAFE P/N: 4192-1-021-2396						

**Line Total:** \$3,070.56

**PO Total:** \$3,070.56

CX JRF

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.  
No substitution or deviation without consent.  
Certificate of Conformity or Material Certification required - **YES** NO  
PST# 6122-5207

Change Nbr:

1

Change Date: 9/26/2013

# AmSafe

1043 NORTH 47th AVENUE  
PHOENIX, AZ 85043  
PH (602)850-2850 FAX (602)850-2812

## SHIPPER/CERTIFICATION



CUSTOMER NO.
10006113

DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY  
HAWKESBURY, ON K6A 1K7  
Canada

SALES ORDER NO.
S264409

BOL NO.
000315182

DART AEROSPACE LTD.  
1270 ABERDEEN ST  
HAWKESBURY,, ON K6A 1K7  
Canada

DATE PRINTED
10/19/13

PAGE NO.
1

CUSTOMER ORDER NO.
PO21495

Sales Order Remarks: 1517-9324-0

Remarks:

SHIP SOONER IF POSSIBLE. CUSTOMER WILL ACCEPT EARLY SHIPMENT

TERMS
NET30

FREIGHT
COLLECT

SHIP VIA
FedEx P1 10:30 AM

SHIPMENT REFERENCE 000315182

F.O.B.
ORIGIN

Ship to ID: 10006125

LINE	ITEM NUMBER / DESCRIPTION	DRAWING AND CERTIFICATIONS	DUE DATE	QTY ORDERED	QTY SHIPPED	QTY BACK ORDERED
1	4192-1-021-2396 REST SYS ASSY WO/IR	DRAWING: 4192 REV: E CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S264409-1	2013-10-21	12 Expire Ref.	12 12	0

I certify that the article(s) listed above conform to all applicable design data, and (as applicable):

FAA PMA, FMVSS 209, FMVSS 302, 14 CFR 25.853

FAA TSO C22f, C22g, C114 or TSO Plus

The conditions and tests required for TSO approval of the article(s) are minimum performance standards. It is the responsibility of those installing the article(s) either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the standards applicable to the TSO article including (when applicable) the integrated non-TSO function. The non-TSO function is described as the seat belt airbag system including the inflator cable assembly and electrical components that have not been evaluated for functionality or installation requirements. TSO articles including the integrated non-TSO function must have separate approval for installation in an aircraft. The article(s) may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements. Product shipped meets all material, processing and test requirements. Test reports as applicable are retained on file at AmSafe Aviation.

AmSafe Authorized Signature: X

Printed Name:

*Jesse Ochoa*  
*Jesse Ochoa*

OCT 19 2013

Dated: \_\_\_\_/\_\_\_\_/\_\_\_\_

COUNTRY OF ORIGIN USA

# COPY

1. Approving National Aviation Authority/Country:  FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>				3. Form Tracking Number:  S264409 - 1- <i>NW</i>	
4. Organization Name and Address:		AmSafe Aviation 1043 North 47th Avenue Phoenix, Arizona 85043				5. Work order/Contract/Invoice Number: S264409 - 1 <input checked="" type="radio"/> PAGES ATTACHED	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	REST SYS ASSY WO/IR	4192-1-021-2396	N/A	12	A/013	NEW	
13. Remarks: Drawing: 4192 Rev: E TSO: TSO-C114 <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>							
EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA							
14. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation  <input type="checkbox"/> Non-approved design data specified in Block 13.				<div style="text-align: center;">         19. <input type="checkbox"/> 14 CFR 43.9 Return to Service    <input type="checkbox"/> Other regulation specified in Block 13       </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">         Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.       </div>			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature		21. Authorized/Certificate No.	
		ODA602112NM					
17. Name (typed or printed)		18. Date (m/d/y):		22. Names (typed or printed)		23. Date (m/d/y):	
NANCY WILLIAMSON		OCT/19/2013					
<b>User/Installer Responsibilities</b>							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>							

